



13281 U.S. PTO

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PATENT U.S. PTO
22386 10/730133
120903

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, **Mail Stop Patent Application**
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

PRIOR APPLICATION NO.: 10/133,320

Examiner: **J. DiGrazio**
Group Art Unit: 2871

**DIVISIONAL PATENT APPLICATION TRANSMITTAL
UNDER 37 C.F.R. § 1.53(b)**

1. This application is a **divisional** patent application under 37 C.F.R. § 1.53(b), of prior co-pending application no. **10/133,320**, filed on **April 29, 2002**, of:

Inventors: **Gee Sung CHAE, Jae Kyun LEE and
Ik Soo KIM**

For: **ARRAY SUBSTRATE FOR LIQUID CRYSTAL DISPLAY SUBSTRATE
HAVING HIGH APERTURE RATIO AND METHOD FOR
FABRICATING THE SAME**

2. The papers enclosed are as follows:

<u>32</u>	Page(s) of specification including
<u>1</u>	Title Page
<u>12</u>	Page(s) of claims
<u>1</u>	Page of abstract
<u>8</u>	Sheet(s) of <input checked="" type="checkbox"/> formal <input type="checkbox"/> informal drawings containing <u>8</u> Figures
<u> </u>	Other: _____

3. Amendments

- ☐ Cancel in this application original claims _____ in the enclosed copy of prior application before calculating the filing fee.
- ☒ A preliminary amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)
- ☐ Applicants presently intend to file additional papers in this case shortly. Should the Examiner take this case for action before receiving such papers, it is respectfully requested that the Examiner contact the attorneys for applicants.

4. Oath or Declaration

- ☐ A newly executed (original or copy) oath or declaration is enclosed.
- ☒ A copy of an oath or declaration from a prior application is enclosed under 37 C.F.R. § 1.63(d). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- ☐ A signed statement deleting inventor(s) named in the prior application is enclosed.

5. Relate Back - 35 U.S.C. § 120

- ☐ Amend the specification by inserting before the first line the sentence:
- “This is a ☐ continuation ☐ divisional ☐ continuation-in-part of copending application(s)
- ☐ Application No. _____ filed on _____.
- ☐ International Application No. _____ filed on _____ and which designated the U.S.”

6. Priority - foreign applications under 35 U.S.C. § 119(a)-(d) or § 365(b) or PCT international applications under 35 U.S.C. § 365(a) designating at least one country other than the U.S.

☒ Priority of the following foreign application(s) is/are claimed:

Country	Application No.	Filed
Korea	2001-58961	September 24, 2001

Certified copy(ies): ☐ is/are attached.

☐ will follow.

☒ was/were filed in prior U.S. Application No. 10/133,320
on April 29, 2002.

7. Assignment

☒ The prior application is assigned of record
FROM the inventors: **Gee Sung CHAE, Jae Kyun LEE and
Ik Soo KIM**

TO: **LG. Philips LCD CO., Ltd.**

recorded April 29, 2002, at Reel/Frame 012845/0256.

☐ The prior application is not assigned.

8. Fee Calculation (37 C.F.R. § 1.16)

CLAIMS FOR FEE CALCULATION				
	Number Filed	Number Extra	at Rate of	Basic Fee Utility \$770.00 Design \$340.00
Total Claims (37 C.F.R. § 1.16(c))	18 - 20 =	0	\$ 18.00 each =	\$ 770.00
Independent Claims (37 C.F.R. § 1.16(b))	2 - 3 =	0	\$ 86.00 each =	\$ 0.00
Multiple dependent claim(s), if any (37 C.F.R. § 1.16(d))			\$ 290.00	\$ 0.00
SUB-TOTAL =				\$ 770.00
Reduction by ½ for filing by a small entity				\$ 0.00
TOTAL FILING FEE =				\$ 770.00

9. Fee Payment

☐ Not Enclosed. **NO FEE IS BEING PAID BY CHECK OR DEPOSIT ACCOUNT AT THIS TIME.**

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).
Applicant(s) await notification from the Patent and Trademark Office of the time set for filing the Declaration and paying the filing fees.

☐ Enclosed.

☒ The Commissioner is hereby authorized to charge **\$770.00** for the application filing fee to Deposit Account No. 50-0310.

☐ The fee for extra claims under 37 C.F.R. § 1.16(d) is not being paid at this time and no authorization is given to charge our deposit account for this fee.

10. Small Entity Status is claimed and

- ☐ a statement claiming small entity status is enclosed, or
- ☐ a small entity statement was filed in the prior nonprovisional application and is still proper and desired.

11. ☒ The power of attorney in the prior application is to at least one of the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all correspondence shall be addressed to that Customer Number.

Please address all correspondence to Morgan, Lewis & Bockius LLP at
Customer Number: 009629

12. ☐ Recognize as associate attorney _____.
(name, address, and registration no.)

13. ☒ **PETITION FOR EXTENSION OF TIME**. If any extension of time is necessary for the filing of this application, including any extension in the prior application, application no. _____ filed on _____, for the purpose of maintaining copendency between the prior application and the present application, and such extension has not otherwise been requested, such an extension is hereby requested, and the Commissioner is authorized to charge necessary fees for such an extension to Deposit Account No. 50-0310.

14. ☒ **EXCEPT** for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be an **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a)(3).

15. Additional papers enclosed:

- ☒ Information Disclosure Statement
- ☒ Form PTO-1449
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

By: _____



David B. Hardy

Reg. No. 47,362

Date: December 9, 2003

CUSTOMER NO. 009629

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DBH/fdb